

Chillgard VRF

Technical Specifications & Ordering Information



Technical Specifications	
Dimension	4.7" x 4.1" x 1.7" (11,9 cm x 10,4 cm x 4,3 cm)
Weight	0.51 lbs (230 g)
Visual Indications	2 internal LEDs to indicate fault, alarm and 1 internal LED sensor status indicator
Relay	One relay with rated load: 1A AT 30 VDC; Maximum operating current: 1A; Maximum switching capacity: 60W
Operating Power	24VDC +/- 20%, 24VAC +/- 20%, 50/60Hz, Class 2
Power Consumption	Less than 5 watts
Wiring	14 AWG max, Class 2 copper wiring
Output Options	4-20 mA sourcing, <= 500 Ohm load, 2-10v, 10k Ohm load, RS-485 Modbus RTU, RS-485 BACnet MS/TP
Operating Temperature	0° to 65° C
Relative Humidity (RH)	0-95% non-condensing
Pressure	10.2 to 15.7 PSIA (70-108 kPa)
Operating Range	0-1000 ppm
Minimum Detection	25 ppm
Minimum Alarm	50 ppm
Response Time	T50 less than 240 seconds
Repeatability	+/- 10 ppm at 50 ppm
Linearity	+/- 10 ppm between 25-50 ppm, +/- 20% of reading between 50 to 100 ppm
Standard Gases	R-410A
Approvals	Canada CAN/CSA-C22.2 No. 61010-1-12; US UL Std. No. 61010-1 (3rd edition); International IEC61010-1:2010 (3rd edition) CB certificate; CE approval, Complies with the applicable LVD and EMC directives

Part Number	Description
10175201	Chillgard VRF, Voltage, Modbus
10175202	Chillgard VRF, Current, Modbus
10175203	Chillgard VRF, Voltage, BACnet
10175204	Chillgard VRF, Current, BACnet